

Appl. No. 09/575,145
Amdt. Dated March 7, 2005
Response to Office action of February 8, 2005

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of printing a digital photograph including the following steps:

- (a) transmitting instructions for printing the photograph to a printer;
- (b) printing the photograph onto a surface using the printer;
- (c) also printing on the surface, at the same time as printing the photograph, coded data indicative of an identity of the surface and at least one reference point on the surface, using the printer.

such that an optical sensing device, when placed in an operative position relative to the surface, can generate indicating data using at least some of the coded data, the indicating data comprising data regarding the identity of the surface and data regarding a position of the sensing device relative to the surface, whereby a computer system can determine a photograph identity and/or an action relating to the photograph using at least some of the indicating data.

2. (Original) A method according to claim 1 wherein the identity of the photograph is determined by an identification code issued by a server which issues photograph identification codes.

3. (Original) A method according to claim 1 wherein a copy of the photograph may be requested by directing an optical sensing device towards a zone on the surface, which causes the optical sensing device to sense coded data on the surface and transmit a message to a printer, which in turn causes the printer to print a copy of the photograph.

4. (Original) A method according to claim 1 wherein a digital copy of the photograph is archived separately from the printed photograph and the original digital photograph.

5. (Currently Amended) A method of taking, storing and printing a digital photograph including the following steps:

- (a) taking a digital photograph using a digital camera;

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- (b) assigning an identification code to the digital photograph;
- (c) transmitting the digital photograph to a digital photograph repository and storing the digital photograph by reference to the identification code;
- (d) printing the digital photograph onto a surface using a printer;
- (e) also printing on the surface, at the same time as printing the photograph, coded data indicative of the identity of the surface and of at least one reference point on the surface, using the printer.

such that an optical sensing device, when placed in an operative position relative to the surface, can generate indicating data using at least some of the coded data, the indicating data comprising data regarding the identity of the surface and data regarding a position of the sensing device relative to the surface, whereby a computer system can determine a photograph identity and/or an action relating to the photograph using at least some of the indicating data.

6. (Original) A method according to claim 5 wherein the digital camera and printer form an integrated unit, the step of transmitting the digital photograph is done by means of a transmitter located in or proximate the integrated unit, the step of assigning an identification code is conducted on a computer remote from the integrated unit, and the identification code is transmitted from the remote computer to the integrated unit before the digital photograph is printed.

7. (Original) A method according to claim 5 wherein the digital camera and printer form an integrated unit, identification codes are assigned to the integrated unit by a computer remote from the integrated unit, stored in the integrated unit and used for successive photographs, and the step of transmitting the digital photograph to a digital photograph repository is done after a number of photographs have been taken, assigned an identification code, and stored by the camera, the transmitting step occurring either before or after the step of printing the photograph.

8. (Original) A method according to claim 2 wherein the photograph identification code is also sent to a digital camera which took the photograph for future reference.

9. (Original) A method according to claim 1 wherein data indicative of an action is forwarded from an optical sensing device to a printer when the optical sensing device is used

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to designate a particular zone of the surface.

10. (Original) A method according to claim 1 wherein the surface has printed on it one or more options which a user may select, each associated with a designated zone on the surface, and the user selects an option by moving an optical sensing device on the surface within the associated zone, the optical sensing device transmitting data indicative of the user's selection to a printer.

11. (Original) A method according to claim 1 wherein a user annotates the photograph with text by writing with an optical sensing device on the surface, data indicative of the movements of the optical sensing device being transmitted to a printer and converted to computer text.

12. (Original) A method according to claim 1 wherein a user signs the photograph by writing the user's signature on the surface with an optical sensing device, data indicative of the movements of the optical sensing device being transmitted to a printer, the signature thereafter being verified by comparison with a known signature of the user.

13. (Original) A method according to claim 1 wherein a user draws on the photograph by drawing on the surface with an optical sensing device, data indicative of the movements of the optical sensing device being transmitted to a printer.

14. (Original) A method according to claim 1 wherein a user requests one or more other documents or photographs to be printed by directing an optical sensing device to a zone on the surface.

15. (Original) A method according to claim 1 or claim 5 wherein the coded data is substantially invisible to the human eye.

16. (Original) A method according to claim 15 wherein the coded data is printed using an infrared ink and/or an infrared-absorptive ink.

17 (Original) A method according to claim 15 wherein some or all of the coded data is printed on part of the photograph.

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18. (Original) A method according to claim 1 wherein the photograph is part of a multi-page document and the printer automatically binds the pages together.

19. - 44. (Cancelled).